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OXFORD

MERIONETHSHIRE COUNTY COUNCIL

PUBLIC HEALTH REPORT

FOR THE YEAR

1946

Medical Department,
County Offices,
Dolgelley,
April, 1948.

W. F. Gapper,
B.Sc. M.B., Ch.B., D.P.H.
County Medical Officer.

SEREN, BALA.

MEDICAL DEPARTMENT,
COUNTY OFFICES,
DOLGELLEY,
April, 1948.

INSTITUTE OF SOCIAL MEDICINE
10, PARKS ROAD, OXFORD

To the Chairman, Aldermen, and Councillors
of the Merioneth County Council

Mr. Chairman, Mrs. Jones-Roberts and Gentlemen,

I beg to submit to you the Annual Report for the year 1946.

It has been prepared in accordance with Circular 13/47 (Wales) from the Welsh Board of Health, and is brief, and restricted mainly to Vital Statistics.

The work was carried out under the direction and supervision of my predecessor, Dr. E. Lewys-Lloyd, who retired on March 31st, 1947, after being your Medical Officer of Health since May, 1917. During his period of office vast changes have taken place due to increased legislation, and the various Health services established in the County are, to a large extent, a reflection of the amount of work which he and members of his staff have carried out throughout the past thirty years.

I hope to enjoy the help and co-operation of all members of the community, and especially that of the members of the County Council, and of the various Council departments, which I have received hitherto, since I took up my appointment on April 1st, 1947.

I am, Your obedient servant,

W. F. GAPPER,

County Medical Officer of Health.

THE PUBLIC HEALTH AND HOUSING COMMITTEE

Chairman : Henry Robertson.

Vice-Chairman : J. Ll. Humphreys.

Aldermen :

David Ellis Davies.
Gwilym Evans.
Joseph Humphreys.
Sir Haydn Jones.
William Roberts.
Sir Henry Beyer Robertson.
Richard Thomas Vaughan.
David Howell White.
Griffith Davies.
John Evans.
Alfred Ernest Hughes.
Sir Evan Jones.
Robert Thomas Jones.
Thomas Lloyd Jones.
Hugh Tudor.

County Councillors

Robert David Jones.
Hugh Richard Jones.
Frank Owen.
Enoch Evans.
Robert Richard Davies.
John Barrow Parry.
William Tegid Roberts.
Ernest Price Roberts.
Edward Edwards.
Robert John Meredith.
Edward John Evans.
John David Williams.
Daniel Robert Williams.
Harry Griffith Williams.
Lewis Williams.
Robert David Jones.
Humphrey Thomas Jones.
Robert Pugh Roberts.
Lewis Jones Humphreys.
Robert Jones.
James Humphries Lewis.
Rev. J. Benson Evan Davies.
John Jones.
Robert Owen Wynne.
Evan David Hughes.
William Morris Williams.
Robert Griffith.
Richard Parry.
Evan John Jones.
Robert John Jones.
Mrs. K. W. Jones Roberts.
Robert Owen.
Morris Huws Williams.
David Tudor.
Evan Madoc Jones.
Evan Rees.
Eben Morris.
Robert Richard Jones.
John Morris.
Sir Charles Phibbs.
John Parry.
Lt. Col. William Roberts, M.C.
Owen Arthur Jonathan.
David Morris Tudor.
Thomas Evan Jenkins.

MATERNITY AND CHILD WELFARE COMMITTEE

Chairman : Mrs. K. W. Jones-Roberts.

The Members of the Public Health and Housing Committee with the following co-opted Members, viz.—

Mrs. Roberts, O.B.E., Bryn, Greenfield Rd., Ruthin.
Mrs. E. A. Williams, Gwyneddfa, Dolgelley.
Mrs. Ruby Wynn, Rug, Corwen.
Mrs. Goronwy Owen, Dolgoed, Bala.
Mrs. Williams, Glantegid, Llanuwchllyn.
Mrs. Dr. Morris, Bryn Marian, Bl. Ffestiniog.
Mrs. Hughes, Plasygraig, Penrhyndeudraeth.
Mrs. J. E. Thomas, Bronwydd, Ffestiniog.
Mrs. M. Parry, M.B.E., Penrhyndyfi, Pennal.

COMMITTEE FOR THE CARE OF THE MENTALLY DEFECTIVE

Chairman : Councillor Sir Charles Phibbs.

The Members of the Public Health and Housing Committee together with the co-opted Members as for the Maternity and Child Welfare Committee.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY

WHOLE TIME OFFICERS :

County Medical Officer of Health :

E. Lewys-Lloyd, M.R.C.S., L.R.C.P., D.P.H.

Assistant Medical Officer of Health :

A. B. Monks, B.A., M.B., B.Ch., B.A.O., D.P.H.

Superintendent of Midwives :

Mrs. Eleanor Owen, S.R.N., S.C.M., H.V.

School Dentist : E. Clwydwyn Jones, L.D.S.

Dental Attendant : Miss M. Edwards.

School Nurse : Miss G. Humphreys.

Tuberculosis Health Visitor : Miss Z. M. Evans.

Clerks : Miss M. J. Jones.
Miss G. Vaughan Jones.
Miss E. Roberts.
Miss F. Freeman.
Miss R. P. Jones.

PART-TIME OFFICERS :

The following were the Medical Officers of the Infant Welfare Centres :

Bala :	Dr. Robert Jones.
Barmouth :	Dr. J. Pugh Jones.
Corwen :	Dr. H. J. Satchwell.
Corris :	Dr. Mackenzie-Crooks.
Dolgelley :	Dr. R. W. Edwards.
Ffestiniog :	Dr. J. W. Morris.
Harlech :	Dr. R. M. Williams.
Pernhyndeudraeth :	Dr. O. M. Prichard.
Towyn :	Dr. J. H. M. Lloyd.
Trawsfynydd :	Dr. D. M. Evans.

PUBLIC VACCINATORS

District :	*Public Vaccinator*	*Vaccination Officers :*
Bala	Robert Jones.	R. G. Jones, Bala.
Corwen.	H. J. Satchwell.	R. G. Jones, Bala.
Ffestiniog	J. W. Morris.	R. W. Davies, Bl. Festiniog.
Penrhyn	O. M. Prichard.	R. D. Roberts, Penrhyn.
Trawsfynydd	Gwennie Williams.	R. W. Davies, Bl. Festiniog.
Harlech	R. Morris Williams.	R. D. Roberts, Penrhyn.
Dolgelley	H. D. Owen.	Idwal H. Jones, Dolgelley.
Mallwyd	H. D. Owen.	Idwal H. Jones, Dolgelley.
Llanegryn	J. A. Davies.	Idwal H. Jones, Dolgelley.
Talyllyn	D. McKenzie Crooks.	Idwal H. Jones, Dolgelley.
Llanaber	D. O. Williams.	Idwal H. Jones, Dolgelley.
Towyn	J. H. Marshall Lloyd.	R. Alfred Jones ,Towyn.
Pennal	D. E. Davies.	Idwal H. Jones, Dolgelley.

*For Parishes see Table of District Medical Officers.

DISTRICT MEDICAL OFFICERS OF HEALTH

URBAN AREAS

Bala —Robert Jones.
Barmouth —D. O. Williams.
Dolgelley —R. W. Edwards.
Festiniog —J. W. Morris.
Towyn —J. A. Davies.

RURAL AREAS

Deudraeth —E. Lloyd Owen.
Dolgelley —R. W. Edwards.
Edeyrnion —D. R. Edwards.
Penllyn —Robert Jones.
*Pennal —J. C. Ashton.

*Is administered by the Machynlleth Rural District Council in the County of Montgomery.

DISTRICT MEDICAL OFFICERS

PUBLIC ASSISTANCE

District :	*Parishes in District :*	*Medical Officers:*
Bala	Bala U.D.	Robert Jones
	Penllyn R.D.	
Corwen	Edeyrnion R.D.	H. J. Satchwell
Festinoig	Festiniog U.D.	J. W. Morris.
	Maentwrog (part of)	
Penrhyn	Penrhyndeudraeth	O. M. Prichard.
	Llanfrothen	
	Llandecwyn	
	Maentwrog	
Trawsfynydd	Trawsfynydd	Gwennie Williams
Harlech	Llandanwg	R. M. Williams
	Llanbedr	
	Llanfair	
	Talsarnau	
Dolgelley	Dolgelley U.D.	H. D. Owen.
	Brithdir and Llanfachreth	
	Llanddwyweuwch	
	Llanelltyd	
Mallwyd	Mallwyd	H. D. Owen
	Llanymawddwy	
Llanegryn	Llanegryn	J. H. M. Lloyd
	Llangelynin	
	Llanfihangel and part of Talyllyn.	
Talyllyn*	Talyllyn	D. Kenzie Crooks.
Llanaber	Barmouth U.D.	D. O. Williams
	Llanaber	
	Llanddwyweis'	
	Llanenddwyn	
Towyn	Towyn U.D.	J. H. M. Lloyd.
Pennal	Pennal C.P.	D. E. Davies.

*A portion of the Talyllyn Parish is in the Llanegryn District.

PUBLIC ASSISTANCE INSTITUTIONS

Name of Institution	*Medical Officer*	*Master or Matron*
Llys Ednyfed, Penrhyndeudraeth	O. M. Prichard.	Dan Ellis.
Llwyn View, Dolgelley.	H. D. Owen.	W. M. Roberts.
Fronhyfryd Children's Home, Corwen	D. R. Edwards.	Mrs. Lewis.

ORTHOPAEDIC CLINICS

The Specialist Surgeons on the staff of the Robert Jones and Agnes Hunt Orthopaedic Hospital, Gobowen.

TUBERCULOSIS

The Physician appointed by the Welsh National Memorial Association—Dr. M. I. Jackson.

OPHTHALMIC

Ear, Nose and Throat Surgeon (Education Committee).
Mr. Horace Mather, 50 Rodney St., Liverpool.
Anaesthetists at School Clinics : The District Medical Officers of Health.

EXTRACTS FROM VITAL STATISTICS 1946

Registrar General's estimate population for mid-year 1946 : 38,790.

		Total	*M*	*F*		
Live Births	Legitimate	578	301	277	Birth rate per 1,000 estimated population	16.42
	Illegitimate	59	25	34		
Still Births		17	9	8	Rate per 1,000 total live & still births..	25.99
Deaths		647	325	322	Death rate per 1,000 estimated population	16.68

Deaths from puerperal causes headings 29 and 30 of the Registrar General's Short List :—

	Deaths	*Rate per 1,000 total Live & Still births*
No. 29 puerperal sepsis	1	1.53
No. 30 other puerperal causes	3	4.59
Total	4	6.12

Death rate of Infants under one year of age :—

Total number of Infant Deaths 35

All Infants per 1,000 live births 54.94

Illegitimate infants per 1,000 Illegitimate live births 50.84

	Totals	*Males*	*Females*
Deaths from Cancer all ages	99	47	52
,, ,, Measles all ages	..	..	0
,, ,, Whooping Cough all ages	..	..	0
,, ,, Diarrhoea under two years of age	1	..	1

TABLE I.

Giving the population in 1946 (estimated) and the population as enumerated at the Census 1931 with the changes of boundaries by the Local Goverment Act 1929, with the rateable value and the product of a penny rate in the County and the several County Districts.

	Population (estimated by Reg. Gen. 1946	*Population Census 1931 areas altered by L.G. Act 1929*	*Rateable value* 31/3/47	*Product of a penny rate* 31/3/47		
Col. 1	2	3	4	5		
				£	s.	d.
County of Merioneth	38,790	43,201	190,032	751	0	0
Total Urban Dist. ..	17,070	19,298	77,076	297	17	5
Total Rural Dist. ..	21,720	23,903	112,956	453	2	7
Urban Districts :						
Bala	1,408	1,460	6,903	27	2	10
Barmouth ..	2,318	2,645	15,976	62	5	8
Dolgelley	2,382	2,313	10,290	39	5	0
Ffestiniog	7,353	9,078	25,103	93	5	11
Towyn	3,609	3,802	18,804	75	18	0
Rural Districts :						
Deudraeth ..	6,706	7,429	56,826	226	0	0
Dolgelley	7,471	7,768	26,959	108	7	8
Edeyrnion	4,090	4,724	18,822	76	0	0
Penllyn	3,107	3,601	9,274	38	9	2
Pennal C.P. ..	346	381	1,075	4	5	9

TABLE II.

Population of the County, the total Urban and Rural Districts and of the several County Districts for the years 1942–1946 inclusive.

POPULATION

	1942	1943	1944	1945	1946
County of Merioneth ..	42,800	41,290	40,040	38,860	38,790
Tota. Urban Districts ..	18,930	18,060	17,420	17,000	17,070
Total Rural Districts	23,870	23,230	22,620	21,860	21,720
Urban Districts :					
Bala	1,518	1,415	1,422	1,435	1,408
Barmouth	3,013	2,860	2,568	2,390	2,318
Dolgelley	2,660	2,555	2,440	2,356	2,382
Ffestiniog	7,290	6,992	7,170	7,155	7,353
Towyn	4,449	4,238	3,820	3,664	3,609
Rural Districts :					
Deudraeth	7,521	7,185	7,005	6,747	6,706
Dolgelley	8,147	8,097	7,889	7,577	7,471
Edeyrnion	4,451	4,298	4,071	4,030	4,090
Penllyn..	3,357	3,270	3,275	3,165	3,107
Pennal	394	380	380	341	346

It will be noted that during the past five years there has been a progressive decrease in the population of the County, mainly in the Barmouth and Towyn areas, while in the Ffestiniog area there has been a slight increase.

BIRTHS

The number of births registered in the County during the year 1946 was 637 ; 326 boys and 311 girls of which 578 were legitimate and 59 illegitimate.

TABLE III.

BIRTHS

Showing the number of births and the birth rates in the County and in the County Districts with the number of illegitimate births with the percentage of total births for the year 1946.

	No. of births, 1946			Birth rate per 1000 of estimated pop'n.	*Illegitimate Births*	
	Males	*Females*	*Total*		*No.*	*per cent of Total Births*
Col. 1	2	3	4	5	6	7
England and Wales	..	..	..	19.1	..	..
County of Merioneth.....	326	311	637	16.42	59	9.26
Total Urban Dist.	152	142	294	17.22	23	7.82
Total Rural Dist.	174	169	343	15.78	36	10.49
Urban Districts :						
Bala	19	10	29	20.59	3	10.34
Barmouth ..	22	27	49	21.13	4	8.16
Dolgelley ..	11	17	28	11.75	1	3.57
Festiniog	66	59	125	16.99	9	7.2
Towyn	34	29	63	17.45	6	9.52
Rural Districts :						
Deudraeth ..	63	60	123	18.34	14	11.38
Dolgelley	57	54	111	14.85	10	9.009
Edeyrnion ..	37	33	70	17.10	10	14.27
Pennllyn.. ..	15	20	35	11.26	2	5.71
Pennal C.P.	2	2	4	11.56	..	..

TABLE IV.

Showing the total number of deaths and for each sex in the several County Districts with the rates per 1,000 of population for 1946, and a similar rate for the previous five years.

	1946			*Death rate per 1,000 of estimated population*	*Mean death rate 1934 to 1938*	*Years*				
	Number of deaths					1941	1942	1943	1944	1945
	Males	*Females*	*Total*							
Col. 1	2	3	4	5	6	7	8	9	10	11
England and Wales	..	..	..	11.5	..	12.9	11.6	12.1	..	..
County of Merioneth	325	322	647	16.68	15.7	16.6	14.8	15.1	15.25	14.46
Total Urban Dist's..	156	162	318	18.63	16.4	17.6	15.2	16.7	16.47	14.94
Total Rural Dist's..	169	160	329	15.15	16.1	15.8	14.6	13.9	14.32	14.09
Urban Districts :										
Bala	11	18	29	20.6	16.1	18.3	15.0	17.0	18.28	16.72
Barmouth ..	14	26	40	17.26	14.2	15.4	15.2	11.9	18.39	12.55
Dolgelley	22	27	49	20.57	14.1	18.9	12.0	16.0	15.57	10.61
Festiniog	80	56	136	18.49	17.2	13.8	16.4	20.3	15.89	16.35
Towyn	29	35	64	17.73	17.7	15.9	11.6	14.4	16.23	15.82
Rural Districts :										
Deudraeth ..	43	52	95	14.17	13.8	14.4	13.0	11.3	13.56	13.04
Dolgelley	60	54	114	15.26	15.9	15.9	15.8	13.6	14.19	13.86
Edeyrnion	38	23	61	14.91	15.5	19.9	14.8	19.6	19.89	16.13
Penllyn	23	29	52	16.74	15.2	13.9	15.5	12.2	9.77	12.64
Pennal	5	2	7	20.23	16.0	12.6	10.2	21.2	10.53	29.33

TABLE V.

Showing the principal causes of deaths and the numbers of deaths in the County and Urban and Rural Districts.

	Number of Deaths			*Deaths in Urban Districts*	*Deaths in Rural Districts*	*Percentage of total deaths in* 1946
	Total	*Males*	*Females*			
Col. 1	2	3	4	5	6	7
Heart diseases	161	76	85	71	90	24,9
Intra. Cranial vasc. les.	87	31	56	49	38	13.4
Cancer ..	99	47	52	52	47	15.3
T'culosis (all forms)	36	22	14	21	15	5.6
T'culosis (Pulmonary)	34	20	14	20	14	5.3
Nephritis ..	22	15	7	8	14	3.4

TABLE VI.

CANCER

Giving the number of cases, male and female, whose deaths have been registered from this cause, together with rates per 1,000 of estimated population in 1946, and similar death rates for the year 1941–1945.

	1946 *Numbers of deaths deaths*			*Death rate per 1,000 of population*	*Death rate per 1,000 of estimated population in the years :*				
	Males	*Fe-males*	*Total*		1941	1942	1943	1944	1945
Col. 1	2	3	4	5	6	7	8	9	10
County of Merioneth	47	52	99	2.55	2.03	2.47	2.13	2.07	2.39
Total Urban Districts	25	27	52	3.04	2.20	2.43	2.27	2.35	2.76
Total Rural Districts	22	25	37	2.16	1.89	2.51	2.02	1.86	2.10
Urban Districts :									
Bala	2	4	6	4.26	1.21	5.27	3.53	3.52	1.39
Barmouth	0	4	4	1.72	1.84	1.99	2.09	1.95	2.09
Dolgelley	6	6	12	5.03	3.26	1.13	2.34	2.46	0.84
Festiniog	14	6	20	2.71	1.58	2.06	2.28	2.37	3.35
Towyn	3	7	10	2.77	3.13	3.15	1.88	2.09	3.82
Rural Districts :									
Deudraeth	3	7	10	1.49	1.65	2.13	0.97	2.28	1.93
Dolgelley	6	6	12	1.60	1.61	2.43	2.47	1.52	1.72
Edeyrnion	10	4	14	3.42	2.91	2.25	1.86	2.46	2.73
Penllyn	2	6	8	2.57	1.74	4.18	2.44	0.92	0.95
Pennal C.P.	1	2	3	8.67	2.52	..	1052	2.63	5.86

TABLE VII.

SITES OF CANCER

	Cancer of Buccal cavity and o'phagus (m) uterus (F)		*Cancer of Stomach and duodenum*		*Cancer of Breast*		*Cancer of all other Sites*		*Total all Sites*		*Death rate per 1,000 of estimated Population*
	M	F	*M*	*F*	*M*	*F*	*M*	*F*	*M*	*F*	
Col. 1	2	3	4	5	6	7	8	9	10	11	12
County of Merioneth ..	3	10	17	12	..	8	27	22	47	52	2.55
Total Urban Districts	1	4	12	7	..	6	12	10	25	27	3.04
Total Rural Districts	2	6	5	5	..	2	15	12	22	25	2.16
Urban Districts :					..						
Bala	..	..	1	1	..	2	1	1	2	4	4.26
Barmouth	..	..	..	1	..	1	..	2	..	4	1.72
Dolgelley	1	4	1	..	..	..	4	2	6	6	5.03
Festiniog	..	..	8	3	..	1	6	2	14	6	2.71
Towyn	..	..	2	2	..	2	1	3	3	7	2.77
Rural Districts :											
Deudraeth	..	3	..	1	..	..	3	3	3	7	1.49
Dolgelley	1	1	1	1	..	1	4	3	6	6	1.60
Edeyrnion	1	1	2	..	..	..	7	3	10	4	3.42
Penllyn	..	..	2	3	..	..	..	3	2	6	2.57
Pennal C.P.	..	1	..	..	..	1	1	..	1	2	8.67

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Laboratory Facilities :

Both the County Council and the Local Sanitary Authorities have arrangements whereby throat swabs and bacteriological analysis of water supplies are undertaken by the Emergency Public Health Laboratories, which were established by the Medical Research Council in 1939. One laboratory is at Conway and the other at Aberystwyth.

Samples of milk for the presence of tuberculosis continue to be examined at the Dairy Laboratories, Aberystwyth.

Ambulance Facilities :

For non-infectious Cases.

The two hospitals at Blaenau Ffestiniog and Towyn have their own ambulance.

Bala and Penllyn districts possess an ambulance stationed at Bala, as also Edeyrnion Council, the ambulance being stationed at Corwen. An ambulance, stationed at Penrhyndeudraeth and owned by a Joint Voluntary Committee, serves Penrhyndeudraeth and Portmadoc areas.

Dolgelley Urban and Rural Councils with Barmouth Urban Council have obtained an ambulance which is stationed at Dolgelley.

The British Red Cross Association have an ambulance stationed at Barmouth.

For Infectious Cases :

The ambulance provided by the County Council for these cases is available in any part of the County and is stationed at Dolgelley.

Nursing in the Home :

In Merioneth this is carried out by 18 District Nursing Associations who employ State Registered Nurses, Queen's Nurses and " village " nurses and/or independent Midwives each of whom is a State Registered Midwife.

All these Local Associations are affiliated to the County Nursing Association. The duties imposed upon the County Council under the Midwives Act, 1936, are delegated to the County Nursing Association and two relief midwives are provided.

The County Council makes an annual grant to the County Nursing Association for these services ; other grants are made to the District Associations for other services rendered to the County Council and by the Welsh National Memorial Association for work carried out for that body.

The Non-Medical Supervisor of Midwives and Superintendent Health Visitor is Mrs. Eleanor Owen, S.R.N., S.C.M., H.V., who also acts as County Superintendent of general nursing.

Ante Natal and Post Natal Clinics :

These clinics were carried on with regularity and are held at the three Cottage Hospitals of the County once every six weeks.

For cases from Bala, Penllyn and Edeyrnion, special arrangements are made with the Consulting Obstetric Officer after consultation with the County Medical Officer.

The Consultant Obstetric Officer is Mr. J. Gardiner Wigley, F.R.C.S. (Eng.).

Nine clinics were held in 1946, and in addition cases were seen by Mr. Wigley at Chester by arrangements specially made.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply :

Several areas are being considered for the development of water supplies by the various Districts and schemes are being prepared and submitted to the Ministry. A fuller report will be submitted in a later Annual Rpeort when several of these schemes will have been carried out.

Similarly, sewerage schemes are being considered and submitted to the Ministry for various districts.

IMMUNISATION AGAINST DIPHTHERIA

Children immunised up to 31st December, 1946

Sanitary District :	*No. of children immunised by Officers of the County Council*		*No. of children immunised by private practitioners*	*Total*
	aged 0–5	*aged* 5–15		
Bala U.D.	30	147	3	180
Barmouth U.D. ..	46	280	11	337
Dolgelley U.D.	36	261	2	299
Festiniog U.D. ..	227	870	18	1115
Towyn U.D.	97	390	18	515
Deudraeth R.D. ..	278	767	16	1061
Dolgelley R.D.	222	759	35	1016
Edeyrnion R.D. ..	119	394	12	525
Penllyn R.D.	114	301	4	419
			Total ..	5467

THE ROBERT JONES AND AGNES HUNT ORTHOPAEDIC HOSPITAL, GOBOWEN, OSWESTRY

Table showing the number of cases treated at After-care Clinics during the year 1946, and the number of attendances made by such ptaients :—

Scheme	*On books* 1/1/46	*Admitted during* 1946	*Total treated*	*Discharged during* 1946	*On Books* 31/12/46		
					Active treatment	*Appliance supervision*	*Attendances*
Maternity & Child Welfare (under 5)	44	22	66	29	37	..	103
School Medical Service (5–16)	130	83	213	71	142	..	43
Voluntary Orthopaedic Association (16 and upwards)	156	143	299	104	166	29	596
TOTALS	330	248	578	204	345	29	1131

VENEREAL DISEASES

A treatment centre has been established at the Caernarvonshire and Angelsey Infirmary, Bangor, by the County Councils of Anglesey, Caernarvon and Merioneth jointly.

The Centre is open for male patients Tuesdays, 2 to 5 p.m., and for female patients Friday, 2 to 5 p.m.

Patients can also be seen at any official centre in the Country.

Outfits for the collections of specimens can be obtained free of charge by any medical practitioner in the County on application to the County Medical Officer, Dolgelley.

Specimens can be sent to Professor Robinson of the Bacteriological Dept., City Laboratories, 126 Mount Pleasant, Liverpool 3., or to the Area Pathology Dept., The Caernarvon and Anglesey Infirmary, Bangor.

SHORT TABULAR STATEMENT

of the cases of Venereal Diseases treated at approved Centr[es] 1946.

	Name of Centre :	
	Wrexham	*Bangor*
Number of cases of—		
Syphilis	3 ..	8
Soft Chancre	.. ..	..
Gonorrhoea	1 ..	2
Non-venereal and undiagnosed conditions	.. ..	16
Total number of attendances of all patients residing in Merioneth	13 ..	119

Regulations 33B :

No notifications under this regulation were received during the year and consequently no compulsory measures had to be taken.

PUBLIC ASSISTANCE

The two institutions at Dolgelley and Penrhyndeudraeth are in use as Public Assistance Institutions. Part of the latter is set apart for the reception and treatment of mental defectives over 16 years of age.

Under the scheme of the Public Asssitance Committee cases were sent to hospitals during the year as under :—

Name of Hospital :	*Cases* *Males*	*Females*
Wrexham E.M.S.	2	3
Towyn Cottage Hospital	1	0
The Robert Jones & Agnes Hunt Orthopaedic Hospital	1	0

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES

A part of the Public Assistance Institution at Penrhyndeudraeth has been set apart for the reception of certified mental defectives of low grade of both sexes over the age of sixteen years.

In addition to this provision the County Council has entered into agreement with the County Councils of Caernarvon and Montgomeryshire for the reception of children under 16 years to Institutions maintained by these Authorities, and with the County Council of Denbighshire and with the Incorporation of National Institutions for the admission of female cases over 16 years.

The County Council of Caernarvonshire has an agreement with the County Council for the reception of cases of both sexes to Llys Ednyfed.

MENTAL DEFICIENCY ACTS, 1913–1935

Particulars of Mental Defectives as and on 31st December, 1946.

Number of Mental Defectives subject to be dealt with :	*Males*	*Females*	*Total*
Under " Orders "—			
In Institutions :			
(*i*) Under 16 years of age.. ..	1	1	2
(*ii*) Aged 16 years and over ..	10	15	25
Action not yet taken	15	29	44
Reported to the Local Authority from any reliable source, but as to whom no action under the Acts has been taken	12	12	24

BLIND PERSONS ACTS, 1920 AND 1938

The number of Blind Persons upon the County Register at the end of the year was 41 males and 40 females, making a total of 81.

One case was referred to an Ophthalmic Surgeon and was certified blind. Two other cases were seen by the County Medical Officer of Health and placed on the Register.

The North Wales Society for the Blind carries out certain services on behalf of the County Council, including a Home Teaching Service and a Home Workers Scheme. The Society own a Holiday Home at Abergele to where blind persons are admitted for short holiday periods.

TABLE IX.

MATERNITY AND CHILD WELFARE

Return made under the Midwives Acts

	Domiciliary Midwives	*Midwives in Institutions*	*Total*
Total number of Midwives practising at the end of the year in the area of the County Council :			
(*a*) Employed by the Council ..	..	..	..
(*b*) Normally employed by other County Councils but temporarily working in the area	..	..	..
(*c*) Employed by voluntary Associations			
(i) under arrangements made with the County Council as Local Supervising Authority, in persuance of Sect. 1, Midwives Act, 1936	22	..	22
(ii) other	..	6	6
(*d*) In private practice	20	..	20
Total	42	6	48
Number of cases in the area attended during the year by midwives :—			
(*a*) Employed by Voluntary Associations—			
(*i*) Under arrangements made with the Local Supervising Authority in persuance of Sect. 1 of the Midwives Act, 1936—			
As Midwives	214	..	214
As Maternity Nurses.. ..	43	..	43
(*ii*)—As Midwives	..	63	63
As Maternity Nurses, ..	..	119	119
(b) In private practice—As Midwives	5	..	5
Totals—As Midwives	219	63	282
—As Mat. Nurses ..	43	119	162

The number of cases of women who attended the Ante-Natal and Post-Natal clinics of the Authority were—

Ante-natal cases	119
Post-natal cases	21

The clinics are held at the Cottage Hospitals in the County at Blaenau Festiniog, Dolgelley and Towyn.

Cases from Bala, Penllyn and Edeyrnion are seen at Chester by arrangements with the Obstetric Specialist of the Authority.

Medical Aid :

The number of Medical Aid forms issued by certified midwives during the year were :—

Ante-natal cases	22
Natal Cases	44
Post-Natal cases	44
To baby	17
Total	127

TABLE X.

INFANT WELFARE CENTRES

Centre :	Number of Meetings.	Total number of children in in attendance			Average No. of Children in attendance			Number of children in attendance for the first time		
		Under one	One to five	Total	Under one	One to five	Total	Under one	One to five	Total
Bala	25	173	82	254	6	3	9	30	3	33
Barmouth	25	61	117	178	2	5	7	9	1	10
Corwen	12	57	42	99	5	3	8	16	1	17
Corris	3	27	33	60	9	11	20	18	18	36
Dolgelley	25	105	157	262	4	6	10	12	6	18
Festiniog	18	242	115	357	13	6	19	56	5	61
Harlech	12	132	68	200	11	5	16	22	..	22
Penrhyndeudraeth ..	25	540	441	981	21	17	38	43	..	43
Towyn	23	143	97	240	6	4	10	17	11	28
Trawsfynydd	12	23	65	88	2	5	7	6	2	8

TABLE XI.

NOTIFIED BIRTHS

	No. of Births 1946		*No. of Births notified by Doctors*	*No. of Births notified by State certified mid-wives*	*No. of cases attended by doctors & certified mid-wives*
	Regis-tered	*Noti-fied in the County*			
Col. 1.	2	3	4	5	6
County of Merioneth	637	447	2	283	162
Total Urban Dists.	294	304	2	166	136
Total Rural Dists.	343	143	..	117	26
Urban Districts :					
Bala	29	14	1	11	2
Barmouth ..	49	84	..	24	60
Dolgelley	28	48	..	21	27
Festiniog	125	77	1	62	14
Towyn	63	81	..	48	33
Rural Districts :					
Deudraeth ..	123	61	..	48	13
Dolgelley	111	26	..	22	4
Edeyrnion ..	70	33	..	30	3
Penllyn.....	35	21	..	16	5
Pennal C.P. ..	4	2	..	1	1

TABLE XII.

This Table shows the number of Still Births registered and notified with certain "Still Birth" rates.

	No. of Still births in Registrar General's return	*No. of Still Births Notified*	*Still births rate per 1,000 of estimated population*	*Still births rate per 1,000 total births (Live and Still births*
Col. 1	2	3	4	5
County of Merioneth	17	13	0.43	25.99
Total Urban Districts	7	8	0.41	23.25
Total Rural Districts	10	5	0.46	28.18
Urban Districts :				
Bala	1	1	0.71	33.33
Barmouth ..	..	..	..	..
Dolgelley	1	1	0.41	34.48
Festiniog	3	4	0.40	23.43
Towyn	2	2	0.55	30.75
Rural Districts :				
Deudraeth	2	2	0.29	15.20
Dolgelley	4	1	0.52	34.78
Edeyrnion	3	2	0.74	41.09
Penllyn..	1	..	0.32	27.77
Pennal C.P... ..	..	..	..	..

TABLE XIII.

HEALTH VISITING, 1946

Showing the number of Health Visits paid by part-time Health Visitors.

Districts	*Visits to children 0–1 years of age*		*to children 1–5 years of age*	*Total Health Visits to 0–5 years*
	Primary Visits	*Total Visits*		
Aberdovey	23	84	96	180
Bala	48	173	310	483
Barmouth	50	233	200	433
Corris	19	111	83	194
Corwen	59	225	430	655
Dinas Mawddwy ..	14	26	53	79
Dolgelley	49	220	380	600
Dyffryn	16	94	105	199
Celynin	9	32	67	99
Festiniog	95	345	601	946
Harlech	37	127	190	317
Llanbedr	9	37	36	73
Llanegryn	11	68	75	143
Maentwrog	8	49	72	121
Penrhyndeudraeth	40	155	216	371
Towyn	42	143	138	281
Trawsfynydd ..	13	111	198	309
Total	542	2233	3250	5483

TABLE XIV.

Showing the rate of the deaths of mothers in childbirth in Merioneth with similar rates for England and Wales.

The rates are calculated per 1,000 live births for the year.

Periods	*Puerperal Fever*		*Other accidents and diseases of pregnancy*		*Totals of columns 2 & 4 and 3 and 5*	
	Merioneth	*England and Wales*	*Merioneth*	*England and Wales*	*Merioneth*	*England and Wales*
Col. 1	2	3	4	5	6	7
1911–1915	2.6	1.5	5.4	2.3	8.0	3.6
1916–1920	1.3	1.6	4.3	2.3	5.6	3.9
1921–1925	1.8	1.6	2.7	2.5	2.7	4.1
1926–1930	1.7	1.7	3.8	2.5	5.5	4.3
1931–1935	2.2	1.8	5.1	2.4	6.8	4.3
1936–1940	0.8	0.9	3.0	2.1	3.7	3.0
1941	1.6	0.5	1.6	1.7	3.2	2.2
1942	..	0.4	1.6	1.6	1.6	2.0
1943	..	0.7	..	1.6	..	2.1
1944	1.5	0.6	1.5	1.2	3.0	1.8
1945	..	0.2	..	1.2	..	1.4
1946	1.5	0.1	4.5	1.0	6.0	1.1

TABLE XV.

INFANT MORTALITY, 1946

Age at Death	Number of deaths of Infants at the different age periods											
	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 4 wks (1 mth)	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 1–12 months	Total under 12 months	Infant mortality rate per 1,000 live births
Col. 1.	2	3	4	5	6	7	8	9	10	11	12	13
ngland & Wales												
ounty of												
lerioneth	18	3	..	1	22	2	3	2	6	13	35	54.94
otal Urban Dists.	10	2	..	..	12	1	2	1	4	8	20	68.02
otal Rural Dists.	8	1	..	1	10	1	1	1	2	5	15	43.73
rban Dists. :												
Bala	2	1	..	..	3	..	..	..	..	..	3	103.44
Barmouth ..	1	..	..	..	1	1	..	1	..	2	3	61.22
Dolgelley	2	..	..	..	2	..	..	..	..	..	2	71.42
Festiniog	2	1	..	..	3	3	2	..	4	6	9	72.00
Towyn	3	..	..	..	3	..	..	..	..	..	3	47.61
ural Dists. :												
Deudraeth	3	..	..	..	4	1	..	1	1	3	7	56.91
Dolgelley	2	..	..	1	3	..	..	..	1	1	4	36.03
Edeyrnion	1	..	..	..	1	..	1	..	..	1	2	28.57
Penllyn	..	..	..	..	1	..	..	..	..	..	1	28.57
Pennal C.P. ..	1	..	..	..	1	..	..	..	..	..	1	250.00

TABLE XVI.

Showing the causes of death and number of infants who died under one year of age in the several County Districts and in the County.

	URBAN AREAS						*RURAL AREAS*						
Cause of Death	*Bala*	*Barmouth*	*Dolgelley*	*Festiniog*	*Towyn*	*Total Urban Districts*	*Deudraeth*	*Dolgelley*	*Edeyrnion*	*Penllyn*	*Pennal*	*Total Rural Districts*	*Total County*
Col. 1	1	2	3	4	5	7	8	9	10		12	13	14
1. Whooping Cough	..	..	..	..	..	..			1	..	..	1	1
2. Pneumonia	..	..	..	1	..	1	1	..	..	..	..	1	2
3. Gastro-enteritis	..	..	..	1	..	1	..	..	..	..	..	..	1
4. Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Prematurity	1	..	1	2	2	6	2	3	1	1	1	8	14
6. Asphyxia Neonatorum	..	..	..	..	..	..	1	..	..	..	..	1	1
7. Congenital Causes	2	..	..	..	1	3	..	..	..	..	..	..	3
8. Influenza	..	1	..	..	..	1	1	..	..	..	..	1	2
9. Accidents (Coroner)	..	..	1	..	..	1	..	..	..	..	..	..	1
10. Injury at Birth	..	1	..	..	..	1	..	..	..	..	..	..	1
11. Tuberculosis	..	..	..	1	..	..	..	..	..	..	..	..	1
12. Meningitis	..	..	..	1	..	1	..	..	..	..	..	..	1
13. Diphtheria	..	..	..	..	..	..	..	1	..	..	..	1	1
14. Other defined diseases	..	1	..	3	..	4	2	..	..	..	..	2	6
Totals	3	3	2	9	3	20	7	4	2	1	1	15	35

TABLE XVII.

Giving the causes of deaths of infants under one year of age at death.

Causes of Death	Number of deaths of infants at the several age periods									
	Under one week	1–2 weeks	2 to 3 weeks	3 to 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total 1–12 months	Total under 12 months
Col. 1	2	3	4	5	6	7	8	9	10	11
1. Whooping Cough	..	..	..	..	..	1	..	..	..	1
2. Bronchitis	..	..	..	..	..	..	..	..	..	..
3. Pneumonia	..	..	1	..	..	..	..	1	..	2
4. Gastro-enteritis	..	..	..	..	..	..	..	1	..	1
5. Convulsions	..	..	..	..	..	..	..	..	..	..
6. Prematurity	12	..	1	..	1	..	..	..	..	14
7. Asphyxia Neonatorum	1	..	..	..	..	..	..	..	..	1
8. Congenital Causes	3	..	..	..	..	..	..	..	..	3
9. Influenza	..	..	..	..	1	..	1	..	..	2
10. Accidents	1	..	..	..	..	..	..	..	..	1
11. Injury at Birth	1	..	..	..	..	..	..	..	..	1
12. Tuberculosis	..	..	..	..	..	..	..	1	..	1
13. Meningitis	..	..	..	..	..	..	..	1	..	1
14. Diphtheria	..	..	..	..	..	..	..	1	..	1
15. Other defined diseases	..	..	1	..	1	2	1	1	..	6

TABLE XVIII.

Showing the number of persons successfully vaccinated or re-vacci ated at the cost of the rates during the year ended30th Sept., 1946.

Vaccination District	*Name of Public Vaccinator*	*Numbers of successful primary vaccinations of persons*			*Nos. of successful re-vaccination*
		Under 1 year of age	*1 year and up wards*	*Total*	
Col. 1.	2	3	4	5	6
Bala..	Robert Jones	48	9	57	7
Corwen	H. J. Satchwell	44	..	44	6
Deudraeth ..	O. M. Prichard	15	24	39	1
Dolgelley ..	H. D. Owen	15	..	15	2
Festiniog ..	J. W. Morris	..	..	..	..
Harlech ..	R. M. Williams	..	..	..	..
Llanaber ..	D. O. Williams	3	2	5	2
Llanegryn ..	J. A. Davies	19	5	24	1
Mallwyd ..	H. D. Owen	1	..	1	..
Pennal	D. E. Davies	..	..	..	..
Talyllyn ..	D. McKenzie Crooks	..	..	..	..
Towyn	J. H. M. Lloyd	51	3	54	8
Trawsfynydd	Gwennie Williams	1	3	4	..
		197	46	243	27

TABLE XIX.

Registration Sub-Districts comprised in the Vaccination officer's District	Number of Births returned in the 'Birth List Sheets' as registered from 1st January to 31st December 1945	Number of these Births duly entered by 31st January, 1947, in Columns I., II., IV and V of the "Vaccination Register" (Birth List Sheets), viz.:				
		Col. I.	Col. II.		Col. IV.	Col. V.
		Successfully Vaccinated	Insusceptible of Vaccination	Had Small Pox	No. in respect of whom Statutory Declarations of Conscientious Objection have been received	Died unvaccinated
1	2	2	4	5	6	7
1. Bala	77	47	..	..	7	..
2. Dolgelley	66	24	..	..	4	4
3. Barmouth (Llanaber) ..	83	11	..	..	2	1
4. Llanegryn	12	5	..	..	1	..
5. Talyllyn	7	3	..	..	..	2
6. Mallwyd	5	..	..	..	..	1
7. Pennal	..	..	..	..	..	..
8. Festiniog	73	6	..	..	14	7
9. Towyn	64	33	..	..	4	..
10. Deudraeth	30	15	..	..	5	3
TOTAL	417	144	..	..	37	18

TABLE XIX.—*Continued.*

Number of these Births which on **31st** *January,* **1947**, *remained unentered in the "Vaccination" Register on account (as shown by "Report Book") of*			*No. of these Births remaining on 31st Jan.* **1947**, *neither duly entered in the 'Vaccination Register' (cols. 3, 4, 5, 6 and 7 of this Return) nor temporarily accounted for in the 'Report Book' (columns 8, 9 and 10 of thus Return*	*Total number of Certificates & copies of Certificates of Successful Primary Vaccination of* **Children under 14** *received during he* **Calendar Year 1946**	*Number of Statutory Declarations of* **Conscientious Obïection actually received** *by the Vaccination Officer irrespective of the dates of birth of the children to which they relate,* **during the Calendar Year 1946**
Postponment by Medical Certificate	*Removal to Districts the Vaccination Officers of which have been duly apprised*	*Removal to places unknown, or which account be reached and Cases not having been found*			
8	9	10	11	12	13
				These figures are to be obtained from Cols. 2 and 6 of the Summary (Form N.).	
..	..	1	22	95	6
..	..	..	34	5	7
..	..	..	69	4	5
..	..	..	6	5	1
..	..	..	2	1	..
..	..	..	4	1	..
..	..	..	..	..	..
..	..	1	45	3	12
..	..	..	27	69	2
..	..	..	7	..	..
..	..	2	216	183	33

The number of cases of Infectious Diseases notified from each County District will be found in the following table.

	Scarlet Fever			Diphtheria			Whooping Cough			Measles			Puerperal pyrexia	Acute Pneumonia	Erysipelas
	No. of Cases	Incidence per 1,000 of population	No. of deaths	No of Cases.	Incidence per 1,000 of population	No. of deaths	No. of Cases	Incidence per 1,000 of population	No. of deaths	No. of Cases	Incidence per 1,000 of population	No. of deaths	No. of Cases	No. of Cases	No. of Cases
Col. 1.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
County of Merioneth	17	0.43	..	67	1.72	3	132	3.38	..	291	7.50	..	..	8	..
Total Urban Districts	7	.41	..	25	1.46	1	23	1.30	..	181	10.60	..	..	1	..
Total Rural Districts	10	.46	..	42	1.93	2	109	5.01	..	110	5.05	..	..	7	..
Urban Districts															
Bala.....	..	..	..	..	..	..	1	.71	..	..	..	..	..	..	..
Barmouth	1	.43	..	4	1.72	1	1	.43	..	..	..	..	..	..	..
Dolgelley	..	..	..	..	..	..	19	7.97	..	..	..	..	..	..	..
Festiniog	4	.54	..	..	..	..	2	.27	..	168	2.28	..	..	1	..
Towyn	2	.55	..	21	5.81	..	..	..	..	13	3.60	..	..	..	..
Rural Districts :															
Deudraeth	3	.44	..	1	0.14	..	2	.29	..	26	3.87	..	..	..	..
Dolgelley	5	.66	..	39	5.22	2	18	2.41	..	7	.93	..	..	2	..
Edeyrnion	2	.48	..	..	..	..	85	2.07	..	2	.48	..	..	3	..
Penllyn	..	..	..	..	..	..	4	1.25	..	72	23.10	..	..	..	..
Pennal C.P.	..	..	..	2	5.77	..	..	..	..	3	8.66	..	..	2	..

TABLE XXI.

Number of Cases admitted to Infectious Diseases Hospitals, 1946

District : Residents	Tanybwlch Aberystwyth				Galltysil Caernarvon				Wreâham				St. Asaph				Bangor
	Scarlet Fever		Diph-theria		Scarlet Fever		Diph-theria		Scarlet Fever		Diph-theria		Scarlet Fever		Diph-theria		Diph-theria
	Residents	Service	Residents	Service	Residents	Service	Residents	Service	Residents	Service	Residents	Service	Residents	Service	Residents	Service	Residents
County of Merioneth	..	..	14	..	5	..	38	2	..	..	4	..	..	..	15	..	1
Total Urban Districts	..	..	9	..	2	..	12	..	..	..	3	..	..	..	4	..	1
Total Rural Districts	..	..	5	..	3	..	26	2	..	..	1	..	..	..	11	..	..
Urban Districts :																	
Bala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Barmouth	..	..	..	..	..	..	1	..	..	..	..	..	..	..	2	..	1
Dolgelley	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ffestiniog	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Towyn	..	..	9	..	2	..	11	..	..	..	3	..	..	..	2	..	..
Rural Districts :																	
Deudraeth	..	..	..	..	3	..	3	..	..	..	..	..	..	..	..	..	..
Dolgelley	..	..	4	..	..	..	23	2	..	..	1	..	..	..	11	..	..
Edeyrnion	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Penllyn	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pennal C.P.	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE XXII.

FOOD AND DRUGS ADULTERATION ACTS

Article	Samples			Adulterated			Legal Proceedings fines and costs
	Formal	Informal	Total	Formal	Informal	Total	
Milk	60	..	60	6	..	6	(a) 54 certified genuine. 1 7% deficient in fat, but on 'appeal to cow' genuine. (b) 1 sample below standard for solids not fat. (c) 1 sample 17% deficient in fat. (d) 1 sample 10% deficient in fat. (e) 1 sample 10% deficient in fat (f) 1 sample 7% deficient in fat. Appeal to cow samples taken in cases (d), (d), (e) and (f). (e) cows found to be giving milk below standard for fat—No proceedings. (b) No proceedings. (c) and (d) charges dismissed. (f) Fined £5 + advocate's fee, £1/11/6.
Gravy Colouring	..	1	1	..	..	..	All samples genuine.
Butter	4	..	4	..	..	..	
Lard	3	..	3	..	..	..	
Margarine ..	1	..	1	..	..	..	
Ice Cream ..	2	..	2	..	..	..	

TABLE XXIII.

Showing the numbers of deaths from Tuberculosis in the several districts with the "phthisis" death rate and the total tuberculosis death rate per 1,000 of estimated population.

	Number of deaths from tuberculosis 1946				*Mean death rate for all forms Tuberculosis* 1934 *to* 1938	*Total tuberculosis death rate for the years*				
	No. of Deaths		*Death rate per* 1,000 *of population*							
	Pulmonary Tuberculosis	*Non Pulmonary Tuberculosis*	*'Phthisis' Death rate*	*Total Tuberculosis Death rate*		1941–1942		1943	1944	1945
Col. 1	2	3	4	5	6	7	8	9	10	11
County of Merioneth	34	2	0.87	0.92	1.06	0.93	0.75	0.77	0.99	0.84
Total Urban Dist's.	20	1	1.17	1.23	1.20	0.95	0.89	0.99	1.15	0.94
Total Rural Dist's.	14	1	0.64	0.68	0.94	0.92	0.63	0.60	0.88	0.77
Urban Districts :										
Bala	1	..	0.71	0.71	0.80	..	1.30	..	1.41	..
Barmouth ..	3	..	1.29	1.29	0.81	1.23	0.66	0.69	0.78	0.41
Dolgelley	1	..	0.41	0.41	0.66	1.45	0.75	0.78	1.23	0.42
Festiniog	15	1	2.04	2.17	1.70	1.05	1.23	2.00	1.53	1.39
Towyn	..	..	..	..	0.75	0.62	0.44	..	0.75	1.09
Rural Districts :										
Deudraeth ..	7	..	1.04	1.04	1.07	1.27	1.06	0.55	1.43	1.03
Dolgelley	5	..	0.66	0.66	0.98	0.80	0.36	0.49	0.63	0.53
Edeyrnion ..	..	..	..	..	0.49	0·89	0.45	0.93	0.49	0.74
Penllyn	2	1	0.64	0.96	0.125	0.58	0.60	0.61	0.61	0.63

TABLE XXIV.

TUBERCULOSIS

New cases and of mortality from tuberculosis compiled from copies of notifications received from the District Medical Officer of Health and from death returns.

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-respiratory		Respiratory		Non-respiratory	
	Males	Females	Males	Females	Males	Females	Males	Females
Col. 1	2	3	4	5	6	7	8	9
0—1	1	1	..	..	..	..	..	..
1—5	..	..	1	..	..	..	..	..
5—10	..	..	1	2	..	..	1	..
10—15	..	2	1	1	..	1	..	..
15—20	10	3	3	1	2	1	1	..
20—25	7	9	..	..	..	2	..	..
25—35	8	10	1	..	1	4	..	..
35—45	10	2	..	1	3	2	..	..
45—55	4	..	2	..	2	1	..	..
55—65	6	1	..	..	7	2	..	..
65 & Upwards	6	..	2	..	5	1	..	..
Totals of All Ages ...	52	28	11	5	20	14	2	...

TABLE XXV.

DEATH FROM TUBERCULOSIS 1946

	Respiratory		*Non-respiratory*	
	Males	*Females*	*Males*	*Females*
Col 1.	2	3	4	5
County of Merioneth ..	20	14	2	0
Total Urban Districts ..	16	4	1	0
Total Rural Districts ..	4	10	1	0
Urban Districts :				
Bala	1	0	0	0
Barmouth	3	0	0	0
Dolgelley	0	1	0	0
Festiniog	12	3	1	0
Towyn	0	0	0	0
Rural Districts :				
Deudraeth	2	5	0	0
Dolgelley	2	3	0	0
Edeyrnion	0	0	0	0
Penllyn	0	2	1	0
Pennal C.P.	0	0	0	0

TABLE XXVI.

CASES SENT TO TUBERCULOSIS HOSPITAL AND SANATORIA

	HOSPITAL				*SANATORIA*	
	Pulmonary		*Non-pulmonary*		*Pulmonary*	
	Definite P'monary Tuber-culosis	*Doubtful*	*Definite non-P'monary Tuber-culosis*	*Doubtful*	*Definite Tuber-culosis*	*Doubtful*
In Institution 1st day of Jan., 1946	20	1	6	..	6	6
No. admitted during the year 1946	49	1	6	..	20	11
Number Transferred	1	..	..	..	..	..
Total	70	2	12	..	26	17
Discharged :						
Quiescent	14	..	2	..	4	..
Improved	21	..	3	..	3	..
No material improvement ..	7	..	1	..	5	..
Doubtfully tuberculous discharged as tuberculous ..	..	1	..	..	..	1
Non-tuberculous	..	..	..	..	..	..
Doubtfully tuberculous ..	..	..	..	..	..	6
No. who died in Institutions	1	1	..	..	1	..
Number transferred	..	..	1	..	..	..
No. in Institutions Dec. 31, 1946	27	..	5	..	13	10

NEW CASES EXAMINED BY THE TUBERCULOSIS OFFICER, 1946

Number of new cases examined	847
Number found Tuberculous :	
Pulmonary	65
Non-pulmonary	11
Non-tuberculous	683
Number of other cases previously doubtful found on re-examination to be Tuberculous	
Pulmonary	12
Non-pulmonary	1
Non-tuberculous	57

URBAN DISTRICTS —TABLE XXVII.— RURAL DISTRICTS

Causes of death in the several County Districts, 1946.

No. in R. G. List	CAUSES OF DEATH	Bala U.D.		Barmouth U.D.		Dolgelley U.D.		Festiniog U.D.		Towyn U.D.		Total Urban Districts		Deudraeth R.D.		Dolgelley R.D.		Edeyrnion R.D.		Penllyn R.D.		Pennal C.P.		Total Rural Districts		Total County	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	ALL AGES	11	18	14	26	25	28	77	55	29	35	156	162	43	52	60	54	38	23	23	29	5	2	169	160	325	322
2	Cerebro-spinal fever	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
3	Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Diphtheria	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	..	..	..	1	1	2	1
6	Tb. of Respiratory System	1	..	3	..	..	1	12	3	..	..	16	4	2	5	2	3	..	..	..	2	..	..	4	10	20	14
7	Other form of Tuberculosis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	..	2	..
8	Syphilitic Diseases	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
9	Influenza	..	..	1	1	..	..	12	5	..	..	13	6	3	2	2	1	..	..	..	..	..	..	5	3	18	9
10	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Acute inf. encephalitis	..	..	..	1	..	..	..	..	..	..	..	1	..	..	.	..	..	..	..	..	..	..	..	..	..	1
13	Cancer of buccal cavity, oesophagus (M), uterus (F)	..	..	..	..	1	4	..	..	..	..	1	4	..	3	1	1	1	1	..	..	..	1	2	6	3	10
14	Cancer of Stomach and duodenum	1	1	..	1	1	..	8	3	2	2	12	7	..	1	1	1	2	..	2	3	..	..	5	5	17	12
15	Cancer of Breast	..	2	..	1	..	..	..	1	..	2	..	6	..	..	..	1	..	..	..	..	..	1	..	2	..	8
16	Cancer of all other Sites	1	1	..	2	4	2	6	2	1	3	12	10	3	3	4	3	7	3	..	3	1	..	15	12	27	22
17	Diabetes	..	..	..	..	..	..	..	1	..	1	..	2	..	..	..	1	..	..	..	..	..	..	..	1	..	3
18	Intra cranial vascular lesions	..	4	..	6	2	5	9	13	4	6	15	34	2	6	8	9	4	5	2	2	..	..	16	22	31	56
19	Heart Diseases	3	5	6	8	5	5	11	10	8	10	33	38	9	13	18	15	7	7	7	12	2	..	43	47	76	85
20	Other diseases of circulatory system	1	1	..	1	1	3	3	..	..	..	5	5	2	..	3	2	1	..	1	2	..	..	7	4	12	9
21	Bronchitis	..	..	1	..	2	2	3	5	1	4	7	11	1	1	..	3	2	..	1	1	..	..	4	5	11	16
22	Pneumonia	1	..	..	1	2	1	3	2	..	..	6	4	2	2	..	2	4	1	1	2	..	..	7	7	13	11
23	Other Respiratory Diseases	..	..	..	..	3	1	..	..	..	..	3	1	3	1	4	2	..	..	..	..	..	..	7	3	10	4
24	Ulcer of stomach or d'denum	..	..	1	1	..	..	..	..	1	..	2	1	..	..	2	..	..	..	..	..	..	..	2	0	4	1
25	Diarrhoea under 2 years	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1
26	Appendicitis	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	..	..	..	..	2	..	2	1
27	Other digestive diseases	..	..	..	1	..	1	2	1	..	..	2	3	..	2	3	..	1	..	..	..	..	..	4	2	6	5
28	Nephritis	..	1	1	..	..	..	2	0	3	1	6	2	4	2	1	2	1	..	3	1	..	..	9	5	15	7
29	Puerperal and post abortion sepsis	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1
30	Other maternal causes	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	2	..	3
31	Premature Birth	1	..	..	..	..	1	2	..	2	..	5	1	..	2	2	..	..	..	..	..	1	..	3	2	8	3
32	Congenital malformations, birth injuries, inft. diseases	2	..	..	1	1	..	..	..	..	1	3	2	1	1	1	..	1	..	1	..	..	..	4	1	7	3
33	Suicide	..	..	..	..	..	..	..	..	1	..	1	..	3	..	..	1	..	1	2	..	..	..	5	2	6	2
34	Road Traffic Accidents	..	..	..	..	..	..	..	..	2	..	2	..	..	..	2	1	1	..	..	..	..	..	3	1	5	1
35	Other violent causes	..	1	..	1	1	1	..	..	1	..	2	3	1	..	2	..	1	..	1	1	..	..	5	1	7	4
36	All other causes	..	1	..	..	1	1	2	7	3	5	6	14	7	7	2	4	4	4	1	..	1	..	15	15	21	29

Showing the ages at death from the several causes in Urban and Rural Districts

—TABLE —

No. in R.G. List	CAUSES OF DEATH	URBAN DISTRICTS All ages		Under 1 year		1 to 5 years		5 to 15 years		15 to 45 years		45 to 65 years		65 and over		RURAL DISTRICTS All ages		under 1 year		1 under 5 years		5 to 15 years		15 to 45 years		45 to 65 years		65 and upwards	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	ALL AGES	156	162	14	6	2	2	1	3	10	6	39	43	90	102	169	160	10	5	1	2	..	2	15	16	44	36	99	99
2	Cerebro Spinal Fever	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5	Diphtheria	1	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	1	..	..	..	..	1	..	..	..	..	..
6	Tb. of respiratory System	16	4	1	..	..	..	..	1	4	2	7	..	4	1	4	10	..	..	..	..	..	..	2	7	1	3	1	..
7	Other forms of tuberculosis	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..
8	Syphylitic Diseases	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
9	Influenza	13	6	1	..	..	..	..	..	..	..	4	..	8	5	5	3	1	..	..	..	..	..	..	..	1	..	..	..
10	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	Acute inf. enciphalitis	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13	Cancer of buccal cavity : oesophagus (M), uterus (F)	1	4	..	..	..	..	..	..	..	..	..	3	1	1	2	6	..	..	..	..	..	..	..	3	..	3	2	..
14	Cancerofstomach&duodenum	12	7	..	..	..	..	..	..	..	..	4	2	8	5	5	5	..	..	..	..	..	..	..	..	3	2	2	3
15	Cancer of Breast	..	6	..	..	..	..	..	..	..	..	..	2	..	4	..	2	..	..	..	..	..	..	..	..	..	1	..	1
16	Cancer of all other sites	12	10	..	..	..	..	..	..	1	1	3	4	8	5	15	12	..	..	..	..	..	..	1	1	7	5	8	6
17	Diabetes	..	2	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
18	Intra cranial vascular lesions	15	34	..	..	..	..	..	..	..	1	3	10	12	23	16	22	..	..	..	..	..	..	..	..	3	4	13	18
19	Heart Diseases	33	38	..	..	..	..	..	..	..	..	7	12	26	26	43	47	..	..	..	..	..	..	..	..	9	11	34	36
20	Other diseases of circulatory system	5	5	..	..	..	..	..	..	..	..	1	..	4	5	7	4	..	..	..	..	..	..	..	..	2	1	5	3
21	Bronchitis	7	11	..	..	..	1	..	..	..	..	3	..	4	10	4	5	..	..	..	..	..	..	..	..	1	1	3	4
22	Pneumonia	6	4	2	..	..	1	..	..	..	..	2	..	2	3	7	7	2	..	1	..	..	..	2	..	..	..	2	7
23	Other respiratory diseases	3	1	..	..	1	..	..	..	..	..	2	..	..	..	7	3	..	..	..	..	..	..	1	..	3	1	3	2
24	Ulcer of stomach or d'denum	2	1	..	..	..	..	..	1	..	..	1	1	..	..	2	..	..	..	..	..	..	..	..	..	1	..	1	..
25	Diarrhoea under 2 years	..	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..
26	Appendicitis	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	1	..	..	..	1	..
27	Other digestive diseases	2	3	..	..	1	..	..	1	..	..	..	3	1	..	4	2	..	..	..	..	..	..	..	..	1	..	..	..
28	Nephritis	6	2	1	..	..	..	..	..	..	1	1	..	4	1	9	5	..	..	..	..	..	..	..	..	2	..	8	5
29	Puerperal&post abort'n sepsis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
30	Other maternal causes	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	3	2
31	Premature Birth	5	1	5	1	..	..	..	..	..	..	..	..	..	..	3	2	3	2	..	..	..	..	..	..	..	..	..	..
32	Congenital malformations, birth injuries,infant diseases	3	2	3	2			..	..	..	..	..	..	..	..	4	1	4	1	..	..	..	..	..	..	..	..	..	..
33	Suicide	1	..	..	..	..	..	..	..	..	..	..	..	1	..	5	2	..	..	..	..	..	..	1	1	4	1	..	..
34	Road traffic accidents	2	..	..	..	..	..	..	..	2	..	..	..	..	..	3	1	..	..	..	1	..	..	1	..	1	..	1	..
35	Other violent causes	2	3	..	..	..	..	..	..	1	..	..	..	1	3	5	1	..	..	..	..	..	..	3	..	2	..	..	1
36	All other causes	6	14	..	1	..	..	..	..	..	..	1	4	5	9	15	15	..	1	..	1	..	2	2	1	2	3	11	7